

## **ABSTRACT OF THE DISCLOSURE**

5           Method for embedding a covert message within a digital audio signal. The  
existence of the covert message is undetectable and the information content of the covert  
message can be further rendered unascertainable. Covert message data is embedded  
within a digital audio signal on an audio frame-by-audio frame basis. Covert message  
data is embedded either at a rate of one bit per frame or two bits per frame. The invention  
10 has uses including but not limited to watermarking digital audio signals, hiding data  
within a digital audio signal, increasing the channel capacity of a communications  
channel by placing multiple messages within each other, and generally increasing  
message robustness.